

AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1. – 12. (Cancelled)

13. (Currently Amended) An apparatus for manufacturing a micro-array, comprising:

a carriage that is movable in at least one direction on a stand;

a plurality of cartridges detachably mounted on the carriage, each cartridge storing a liquid and including an ejection head provided at a tip thereof for ejecting the liquid by an ink-jet method;

a table supporting a micro-array substrate relative to the carriage to enable manufacturing of a micro-array by ejecting drops of the liquid; and

a suction unit mounted on the stand so as to be raised or lowered while the carriage is in a housing position;

wherein the suction unit includes:

a suction cap connected to a pump; and

a gas-permeable filter supported by the suction cap, the gas-permeable filter being contactable with a face of the carriage, said gas permeable filter allowing a gas to pass therethrough and preventing the liquid from passing therethrough; and

an elastic sheet having a plurality of suction holes formed therein interposed between the gas-permeable filter and the suction cap.

14. (Cancelled)

15. (Previously Presented) The apparatus for manufacturing a micro-array claimed in Claim 13, wherein the suction unit is of unitary construction.

16. (Previously Presented) The apparatus for manufacturing a micro-array claimed in Claim 13, wherein the ejection head further comprises a multi-reservoir head including a plurality of ejecting portions and a plurality of reservoir tanks.

17. (Previously Presented) The apparatus for manufacturing a micro-array claimed in Claim 13, wherein the table is movable in a direction perpendicular to the moving direction of the carriage.